

## **R E M A R K S**

Claims 1-32 are pending in the application. The allowance of claim 21 is noted with appreciation.

Claims 9, 12-20, 22 and 31 would be allowable if rewritten in independent form. These claims have been rewritten in independent form herein.

The objected to Claim 8 has been amended to overcome the Examiner's objections thereto.

Independent claims 1, 23 and 32 have been herein amended to more clearly define the claimed invention. The amendments to claims 1, 23 and 31 have antecedent support, for example, on page 2, lines 16-24 of the specification.

The drawings have been herein amended to avoid the Examiner's objections thereto with regard to Figs. 15, 19, and 20. In addition previously misspelled words in Figs. 1-7, 9 and 11-25 were corrected for example "lavel" to "label" and "inputeed" to "inputted."

The specification has been amended to overcome the Examiner's objections thereto as noted in the Office Action.

A new Abstract of the Disclosure has been submitted to replace the original Abstract in which some typographical errors have been found.

No new matter is entered.

Claims 1, 2, 7, 23-24, 30 and 32 are rejected under 35 U.S.C. § 102(e) as being anticipated by Galand et al. (Galand).

Claims 3-6, 25-28 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Galand in view of Zheng. Hamamoto was applied against claim 11 in combination with Galand and Zheng.

One of the features of the present invention is that the communication device includes a static table storing first routing information, which is not changed by a change of network topology, of a packet based on static routing (claims 1 and 23) or a first routing unit (claim 32).

Referring to the prior art cited against the rejected claims, Galand teaches a method and system for operating a node in a computer network where the alternate paths are periodically updated to take into account the bandwidth changes or the link availability changes inside the network and where user traffic may be rerouted simultaneously to each link of the alternate path in the event of failure of a primary path.

Galand fails to teach or suggest the above-mentioned feature of applicant's claimed invention. It's asserted in the Office Action that the static table of the claimed invention corresponds to the network topology database of Galand (Fig. 3 and paragraph 0094).

However, the contents of network topology database are changed in response to a change of network topology. The network topology databases 306 is a database to execute dynamic routing.

Also Galand disclose a trunk adapter 308 of the routing point 300, which has a configuration as shown in Fig. 8. However, the trunk adapter 308 has only a dynamic table (see Fig. 8).

Further, as shown in Fig. 10 of Galand, label information of a main path and label information of an alternate path are stored in the dynamic routing table. Thus, it is obvious that the two label information (corresponding to the first and second routing information) are

generated by the dynamic routing. In short, the feature of applicant's claimed invention of having both the static table and the dynamic table is neither taught nor suggested by Galand.

Further, as shown in Fig. 10 of Galand, the dynamic routing table is configured so as to read out an output label corresponding to an input label, and then to read out only one of two label information having an "active" state. Namely, Galand do not teach or suggest applicant's claimed feature of "obtaining the first and second routing information from the static table and the dynamic table."

Therefore, it is respectfully submitted that applicant's claimed invention is not anticipated by Galand. Furthermore, Zheng et al. (6,611,522B1) and Hamamoto et al. (6,038,233A) also fail to teach or suggest the above-mentioned claimed features.

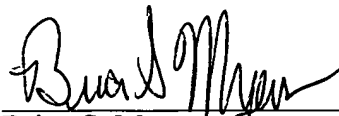
In view of the foregoing, it is respectfully submitted that all the claims currently pending in the application are allowable over the prior art.

Please charge the amount of \$704. for 8 additional independent claims to Deposit Account No. 50-1290.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brian S. Myers", written over a horizontal line.

Brian S. Myers

Reg. No. 46,947

CUSTOMER NUMBER 026304

Telephone: (212) 940-8703

Fax: (212) 940-8986 or 8987

Docket No.: FUJY 18.257 (100794-11600)

BSM:fd



F I G . 1

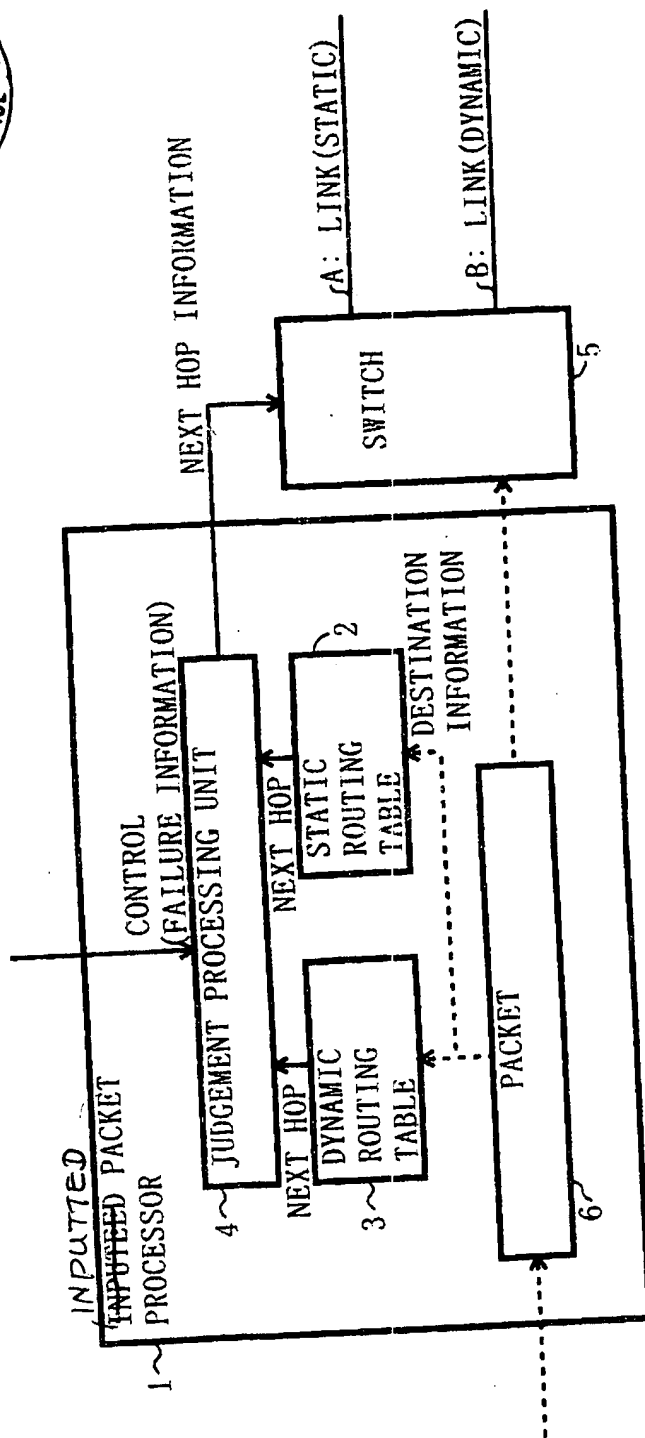


FIG. 2

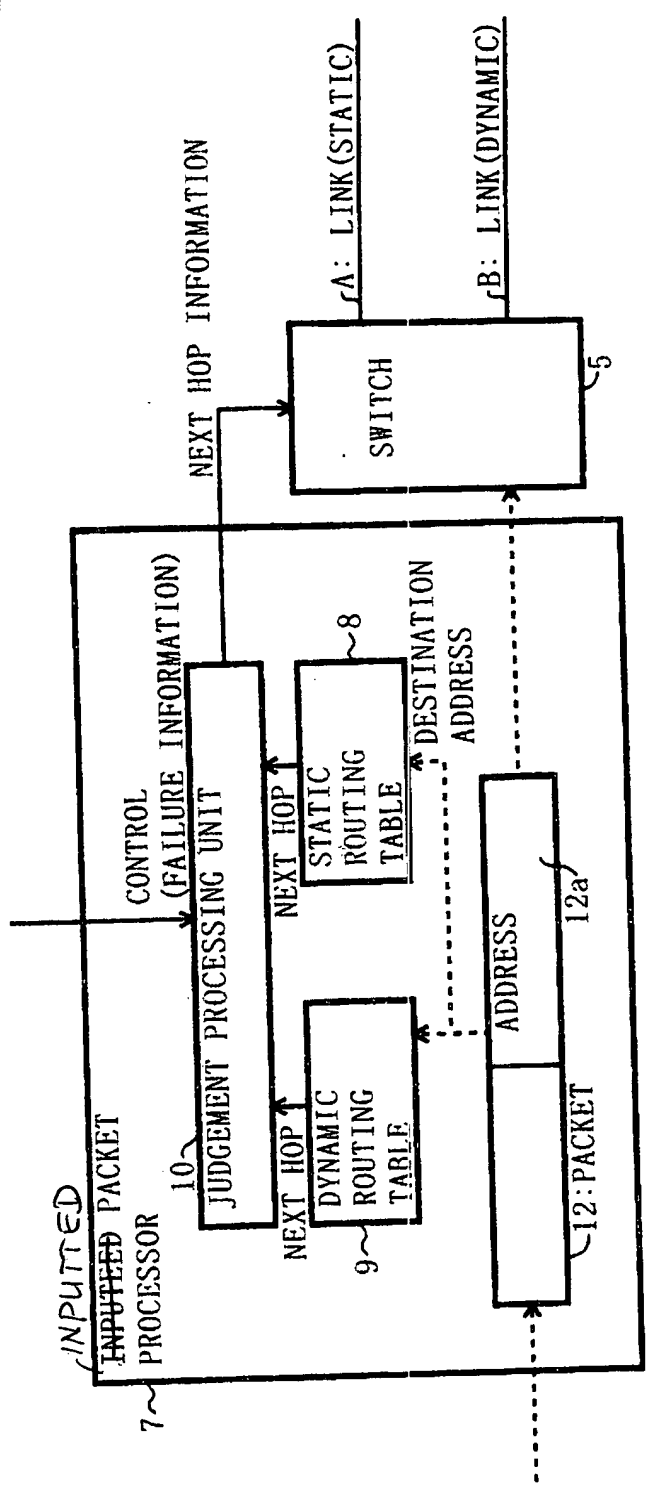


FIG. 3

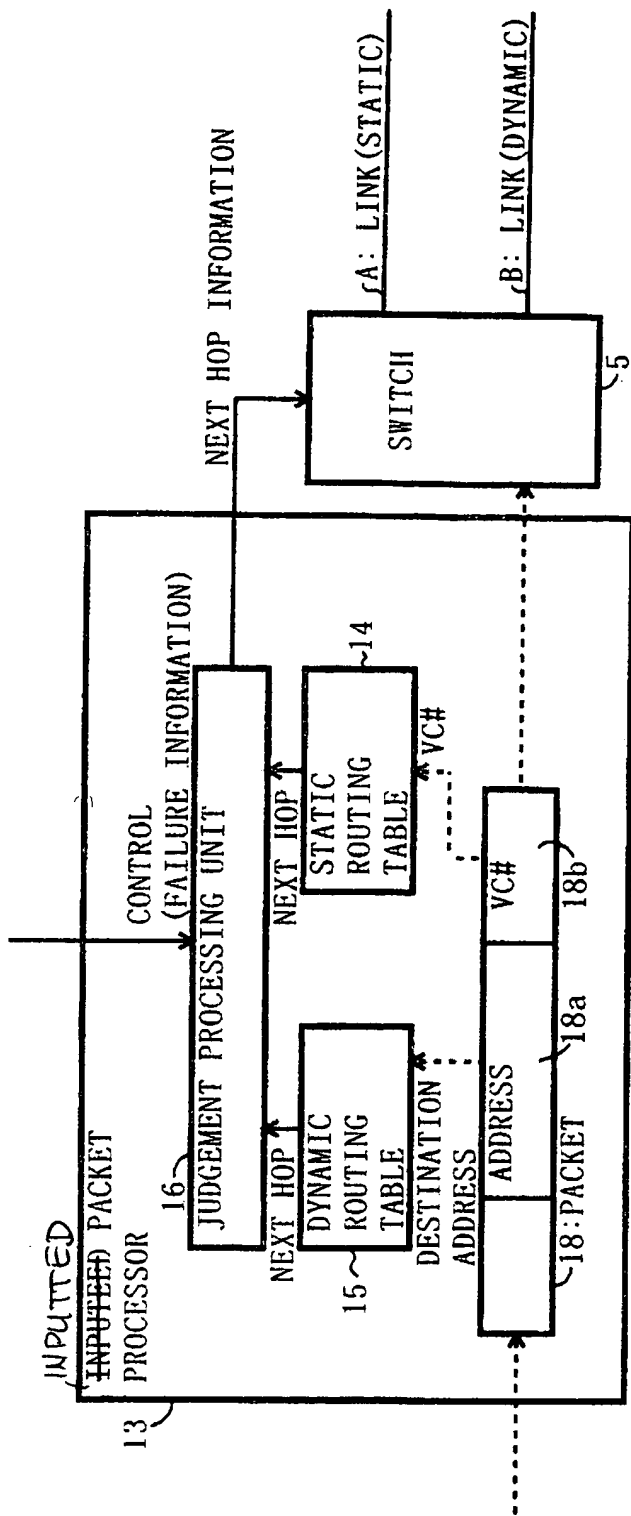
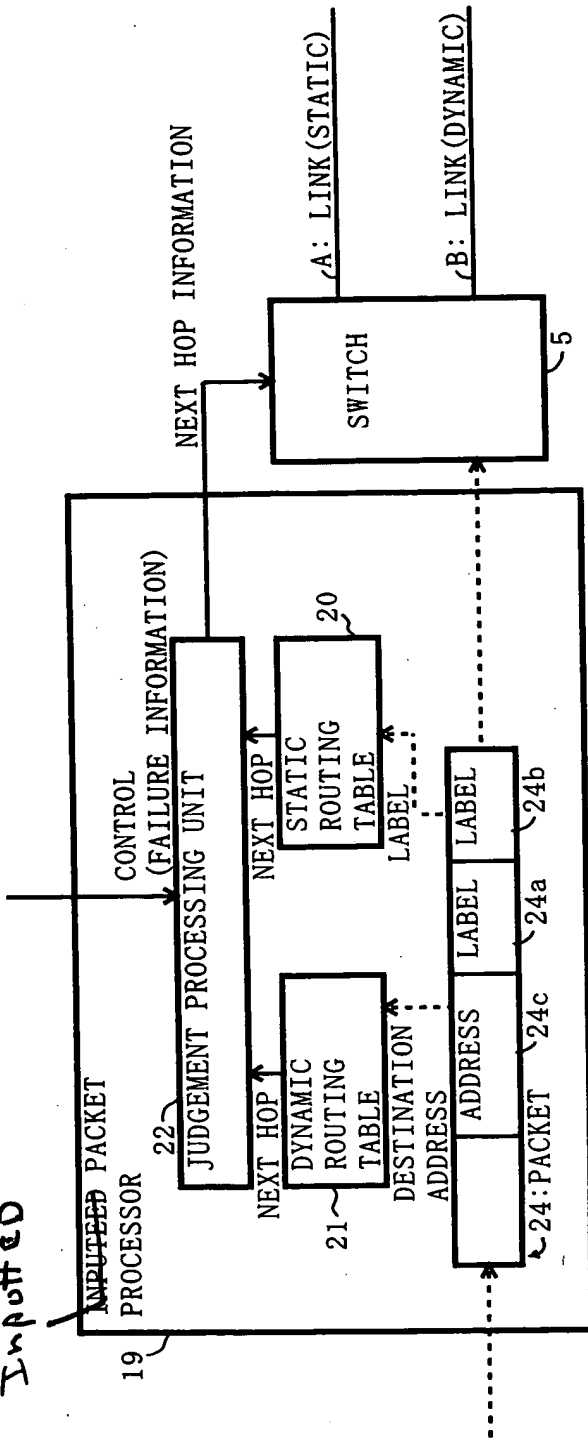


FIG. 4

Inputted





F I G . 5

INPUTED

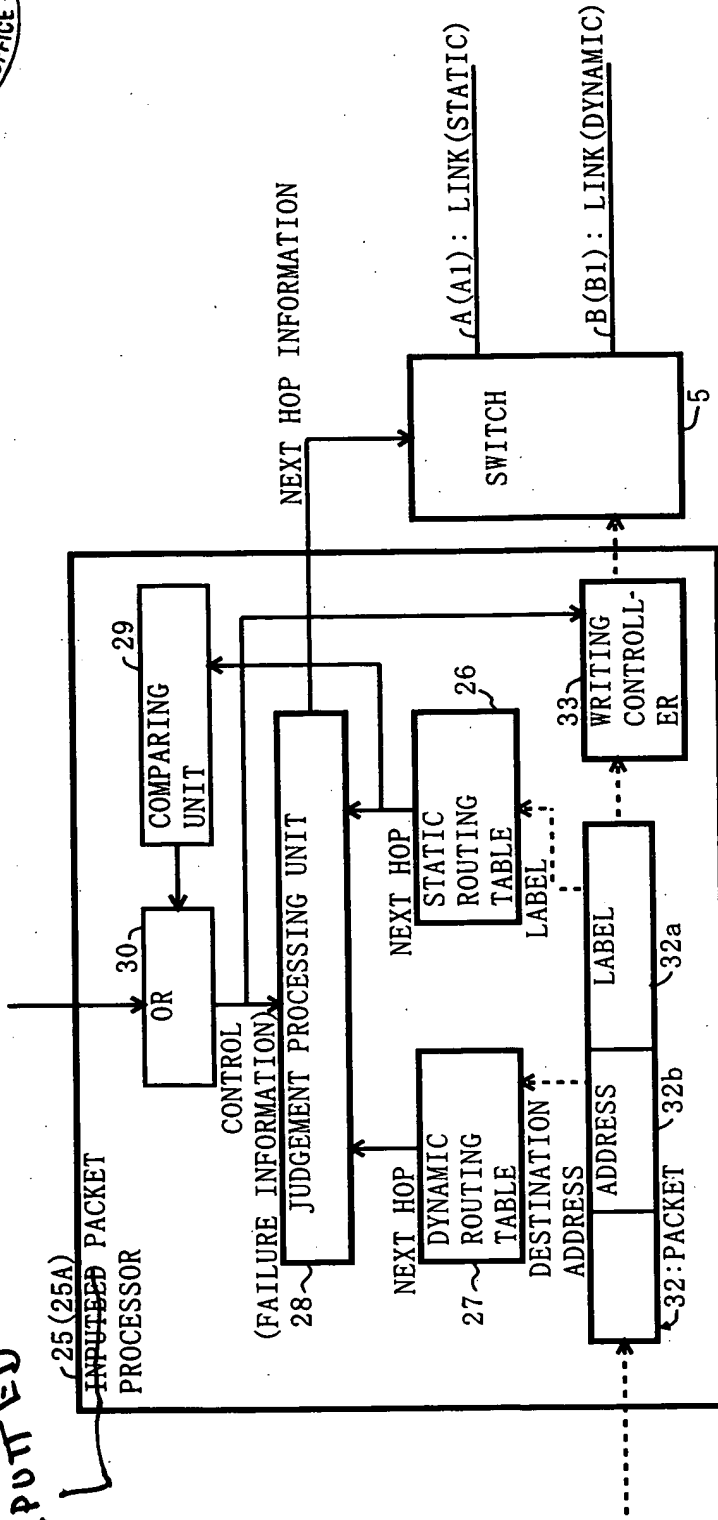


FIG. 6

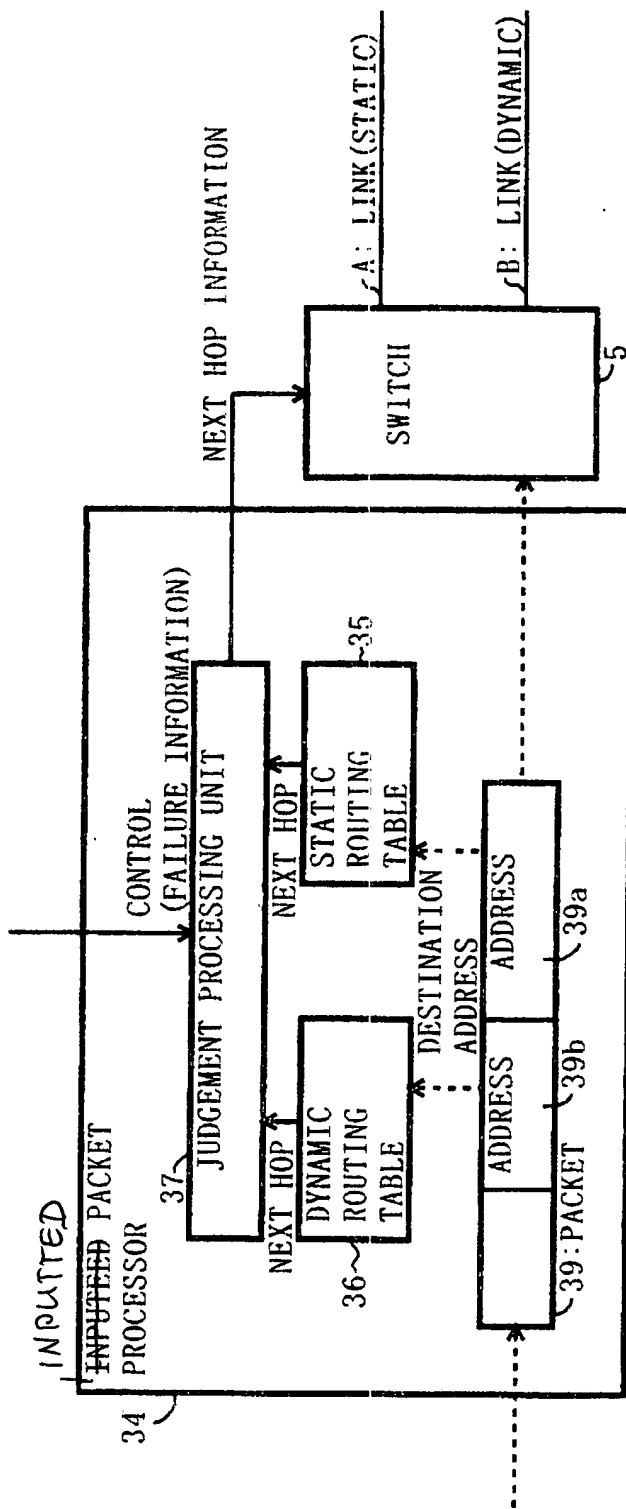
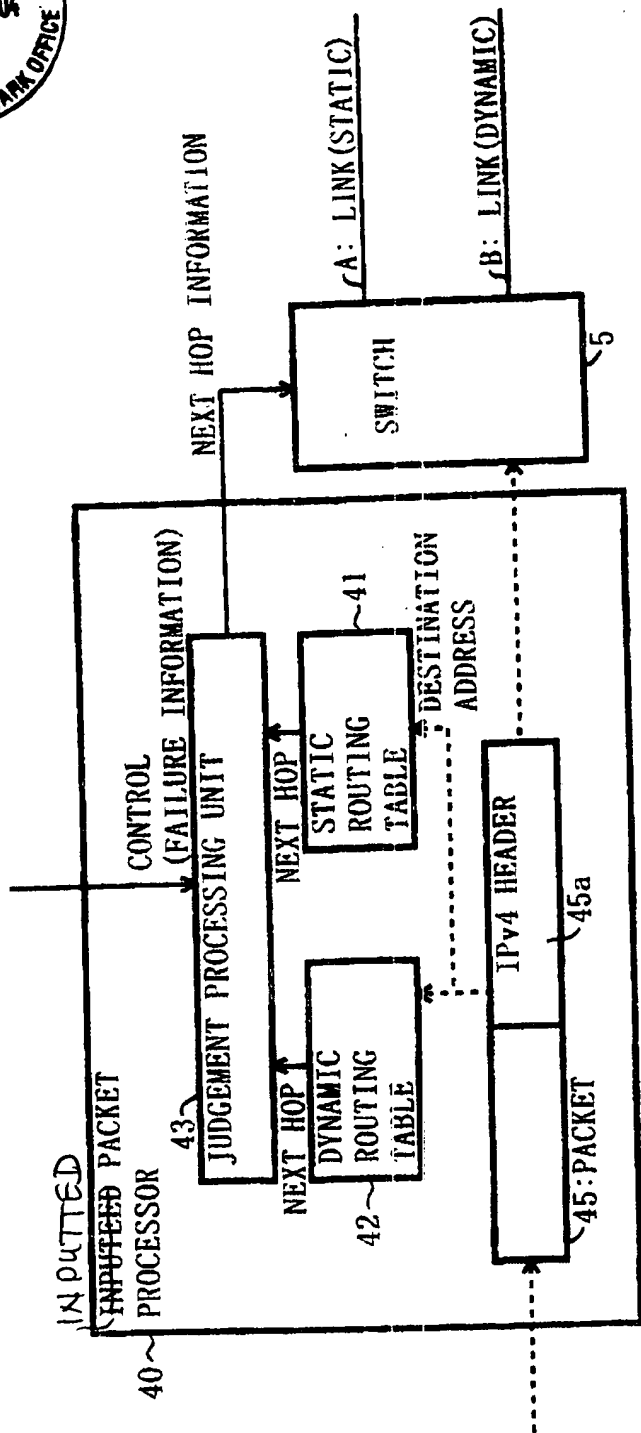
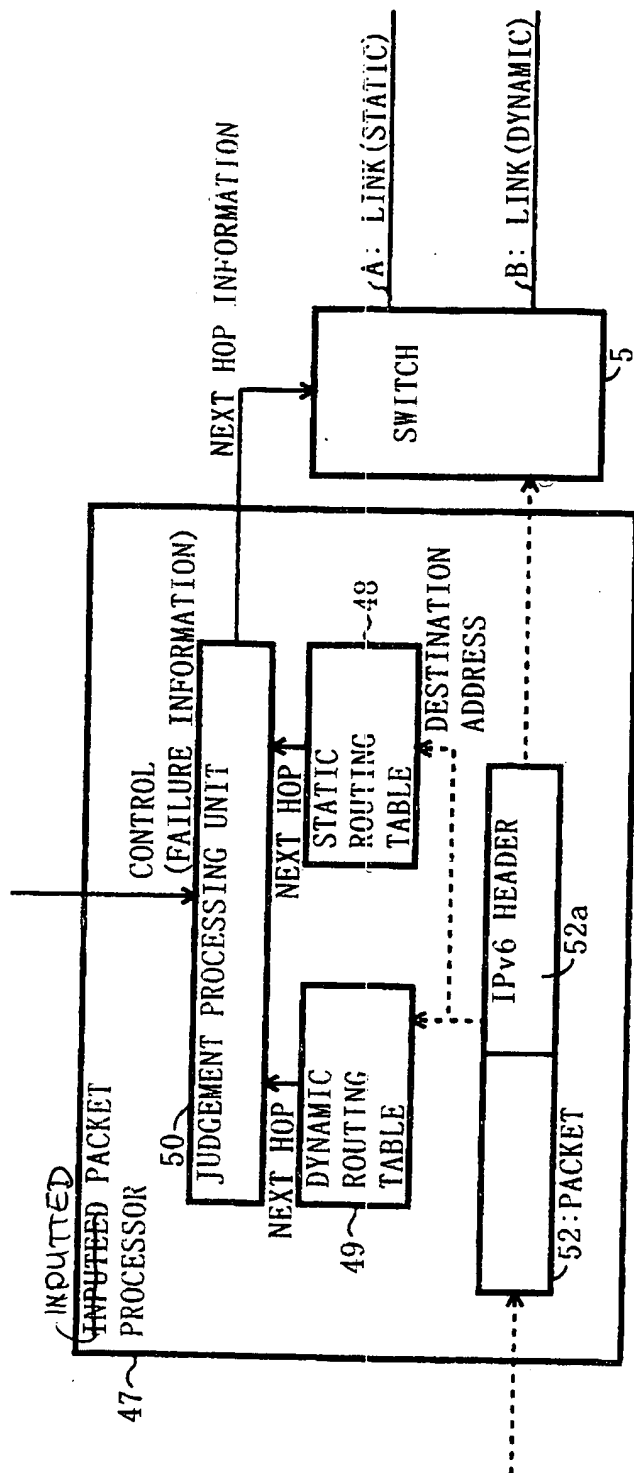


FIG. 7



F I G . 9



F I G . 1 1

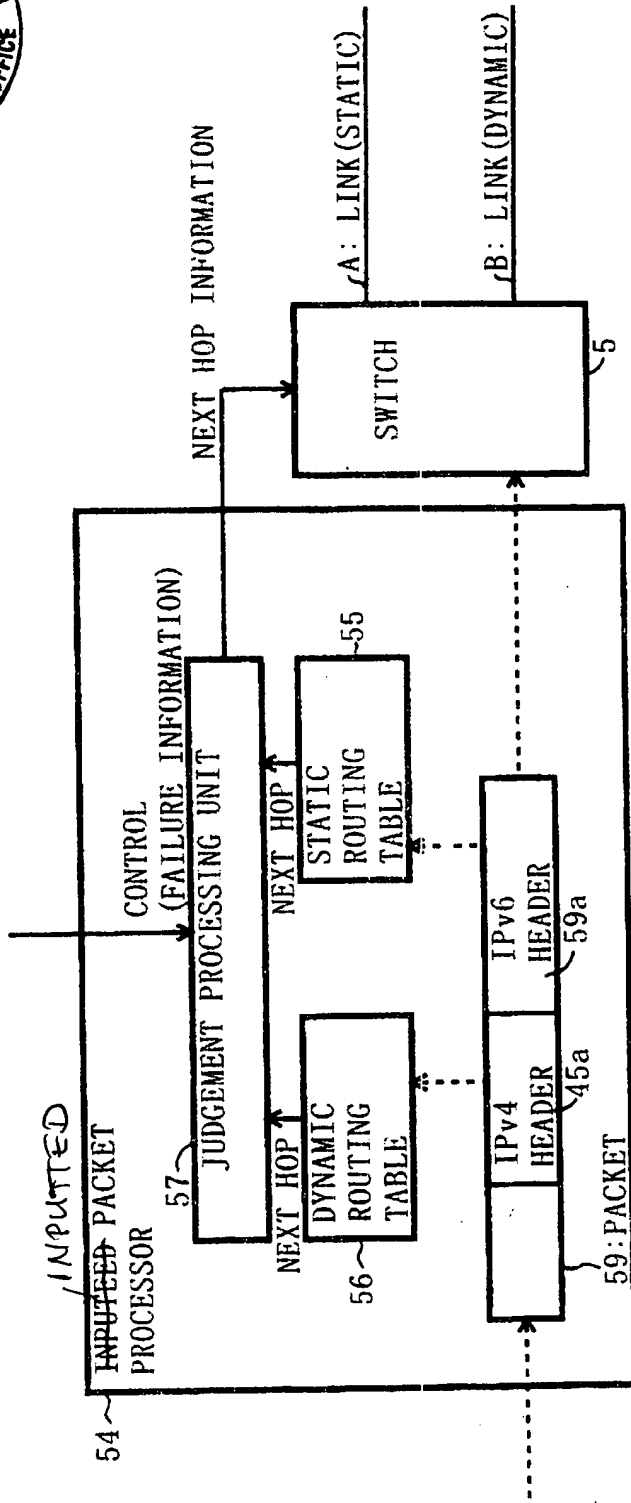
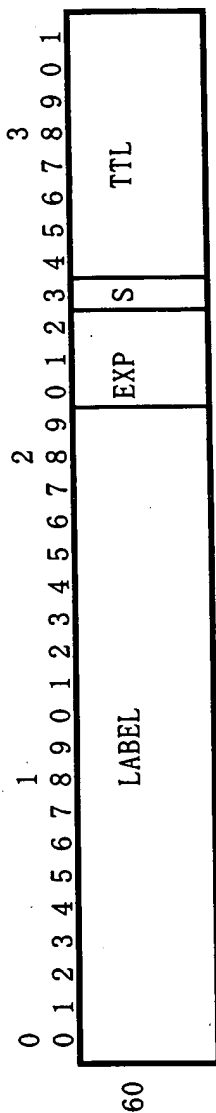




FIG. 12



59a: MPLS SHIM HEADER

LABEL: LABEL VALUE, 20 BITS  
EXP: EXPERIMENTAL USE, 3 BITS  
S: BOTTOM OF STACK, 1 BIT  
TTL: TIME TO LIVE, 8 BITS

FIG. 13

INPUTTED

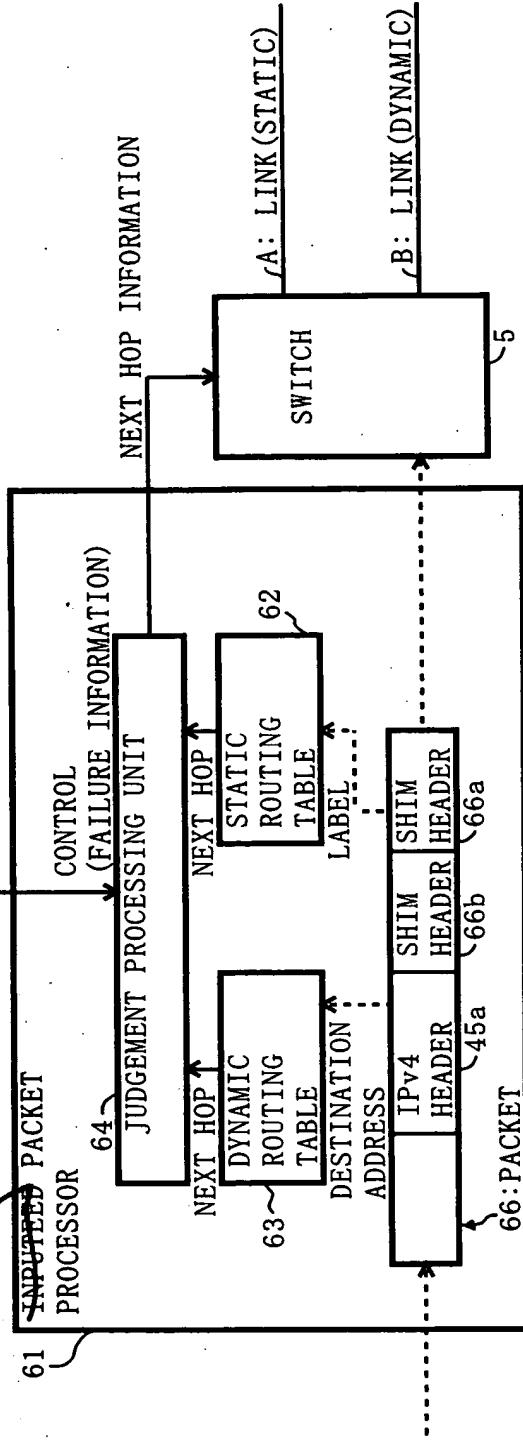


FIG. 14

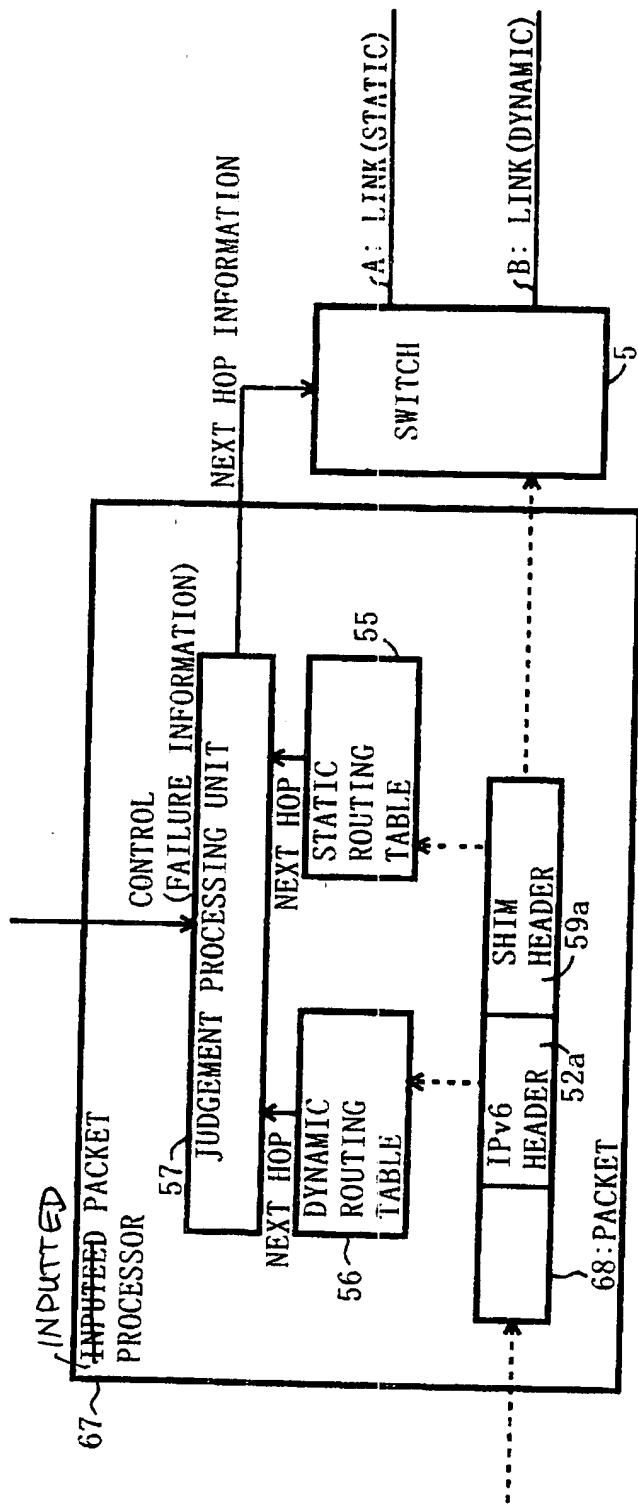
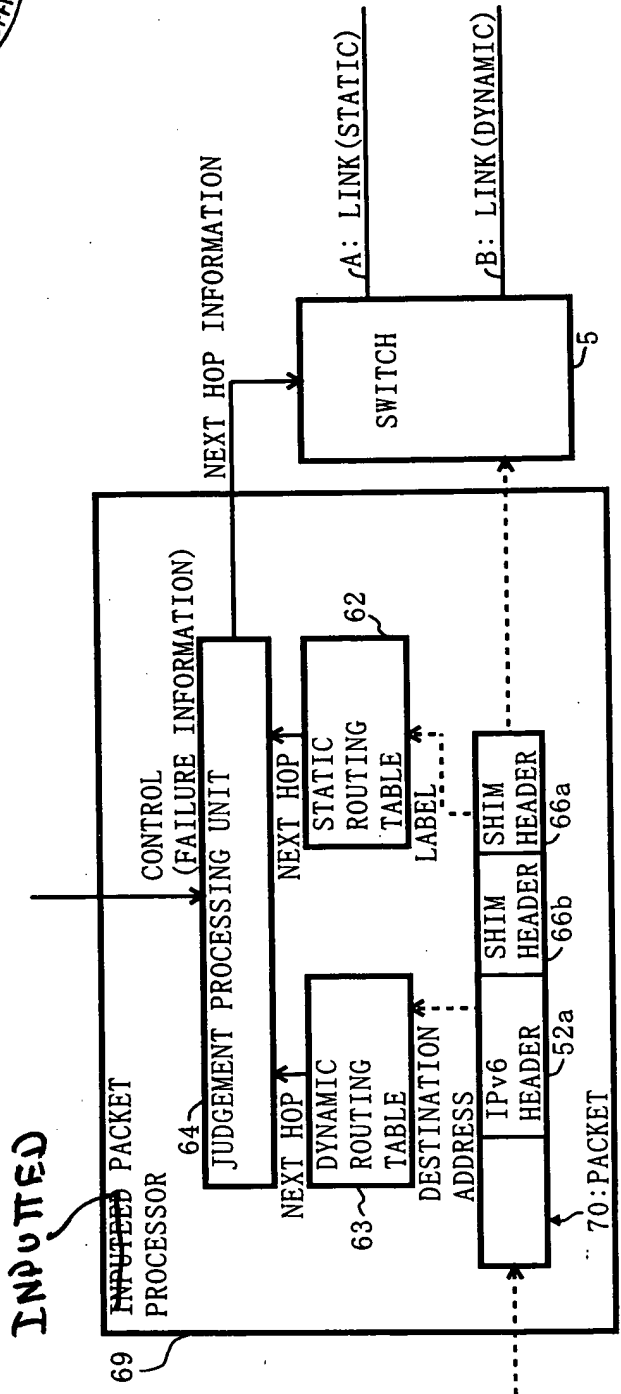
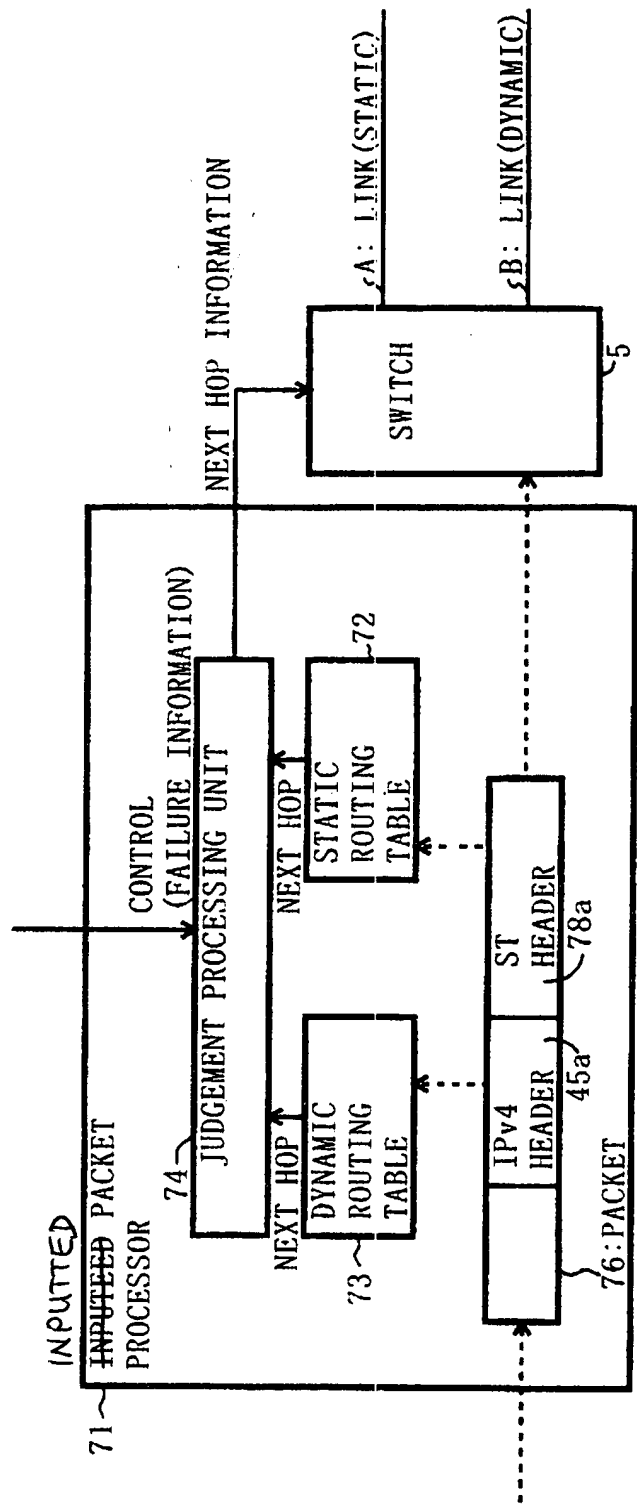




FIG. 15

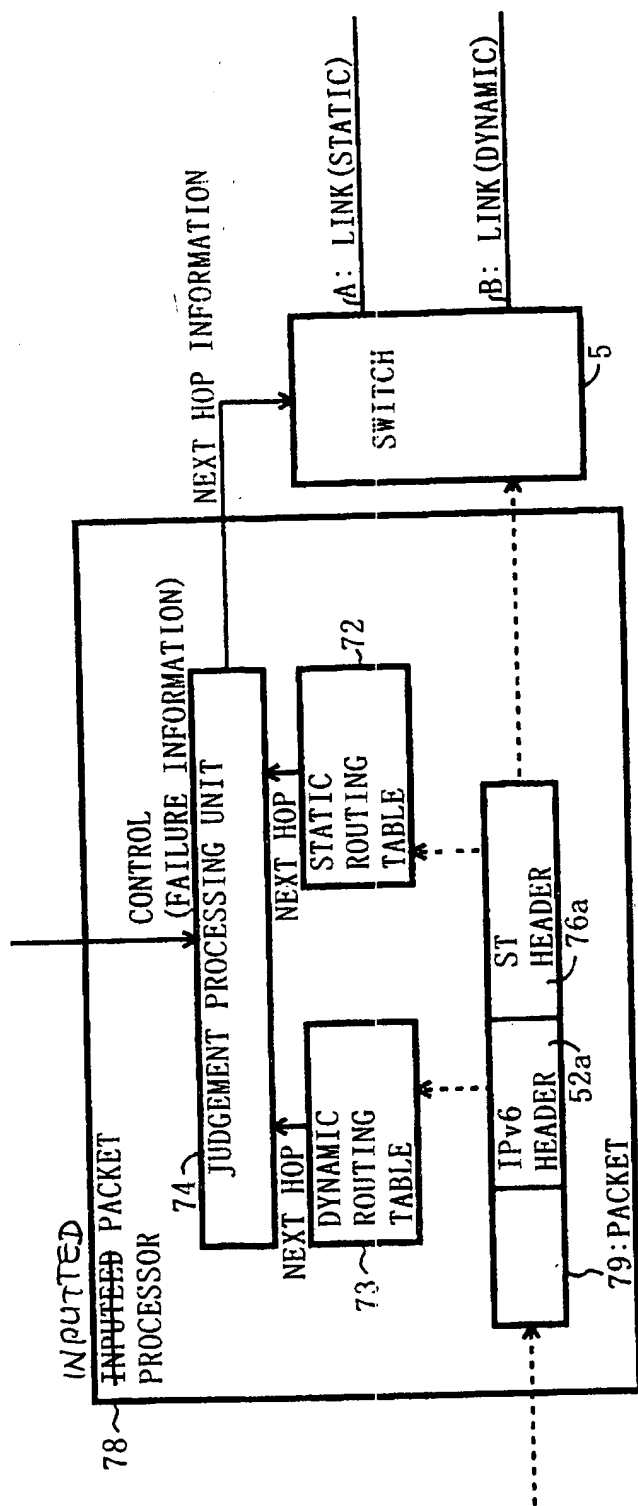


F I G . 1 6

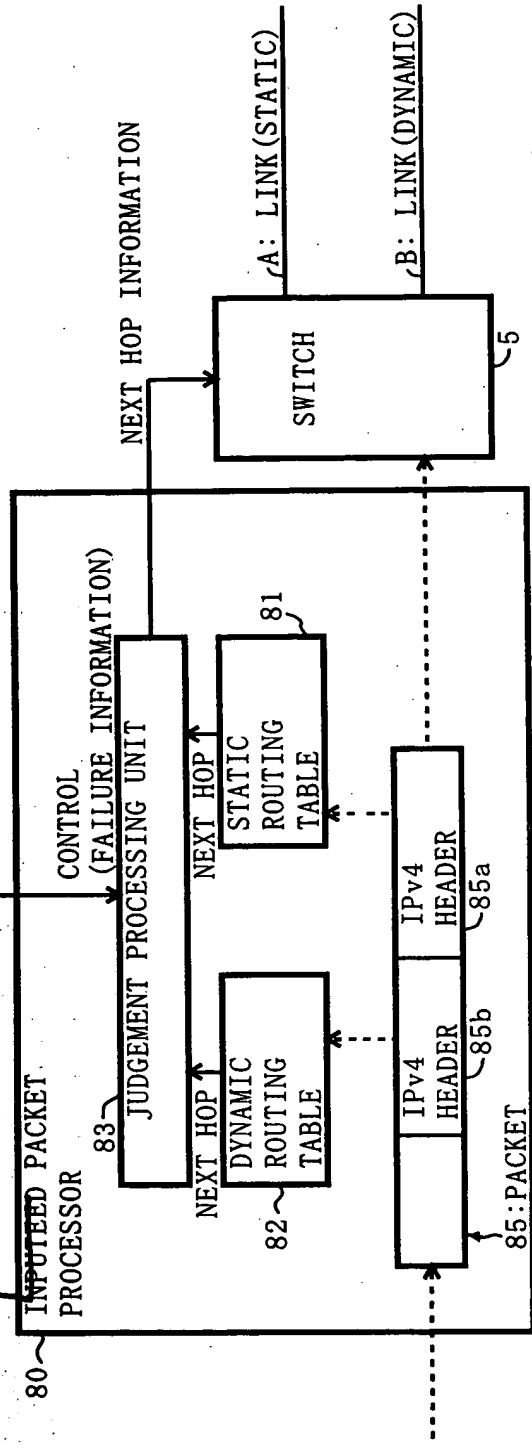




F I G . 1 8



INPUTTED F I G . 1 9



INPUTED

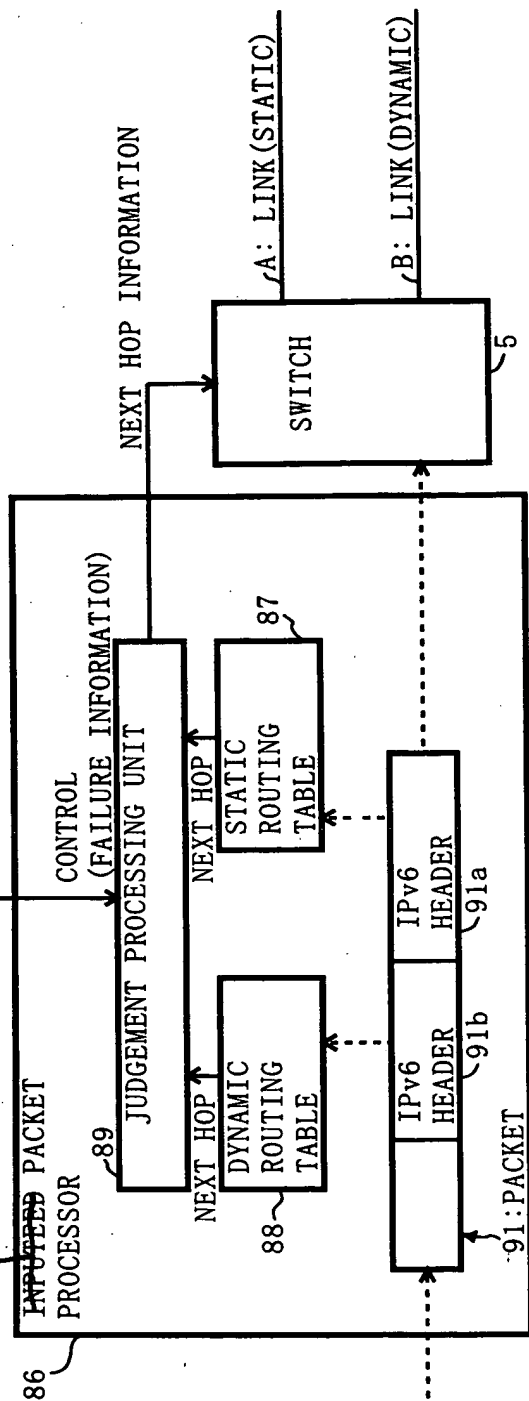


FIG. 21

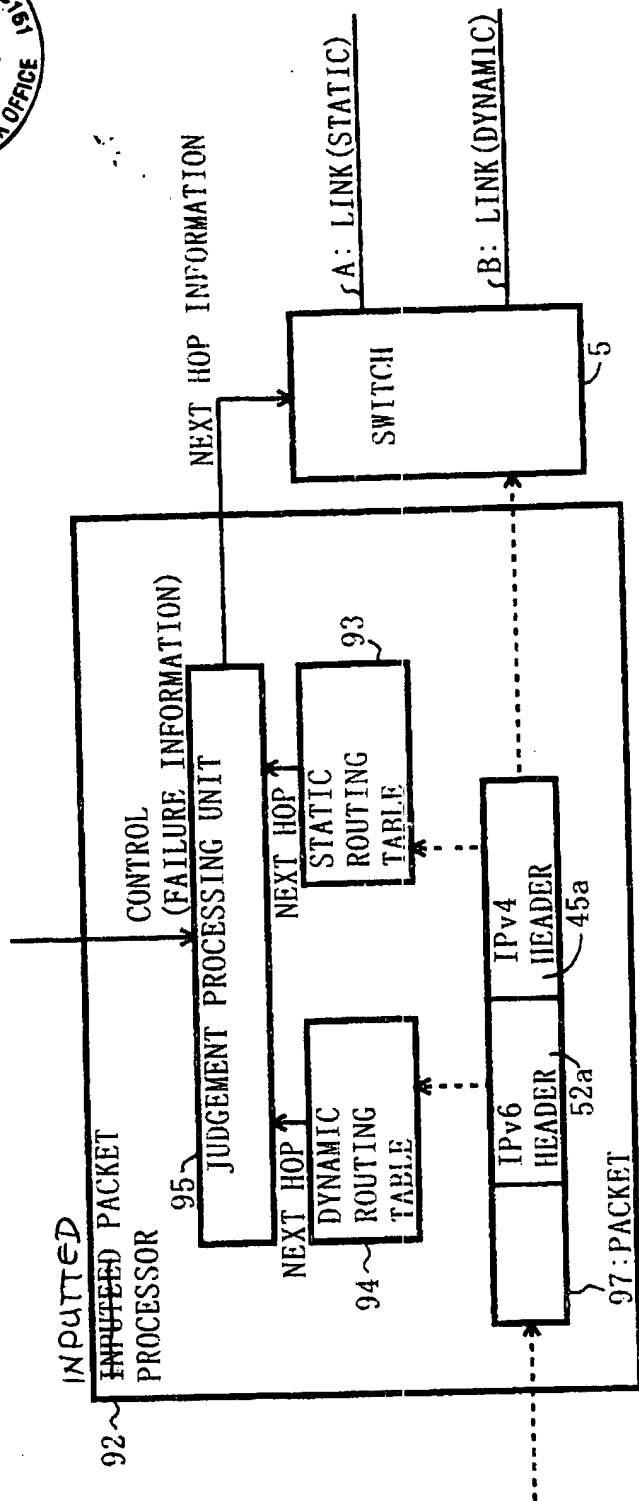


FIG. 22

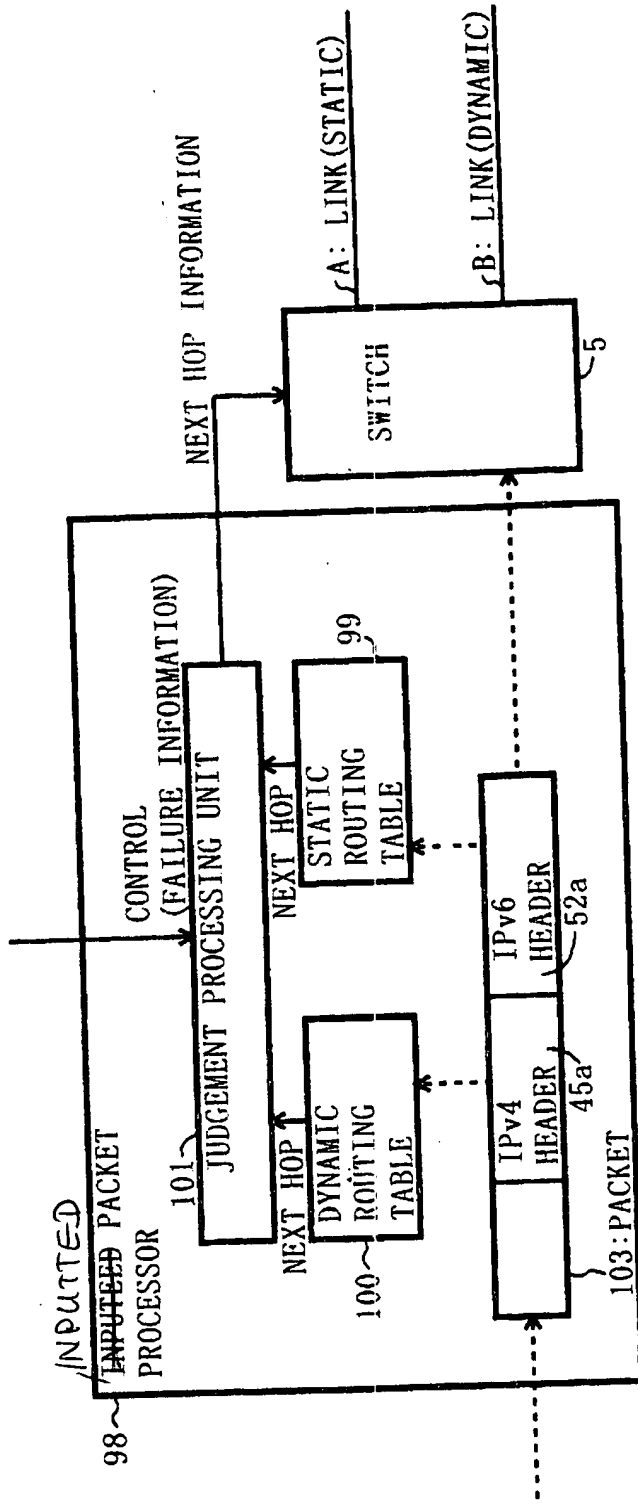


FIG. 23

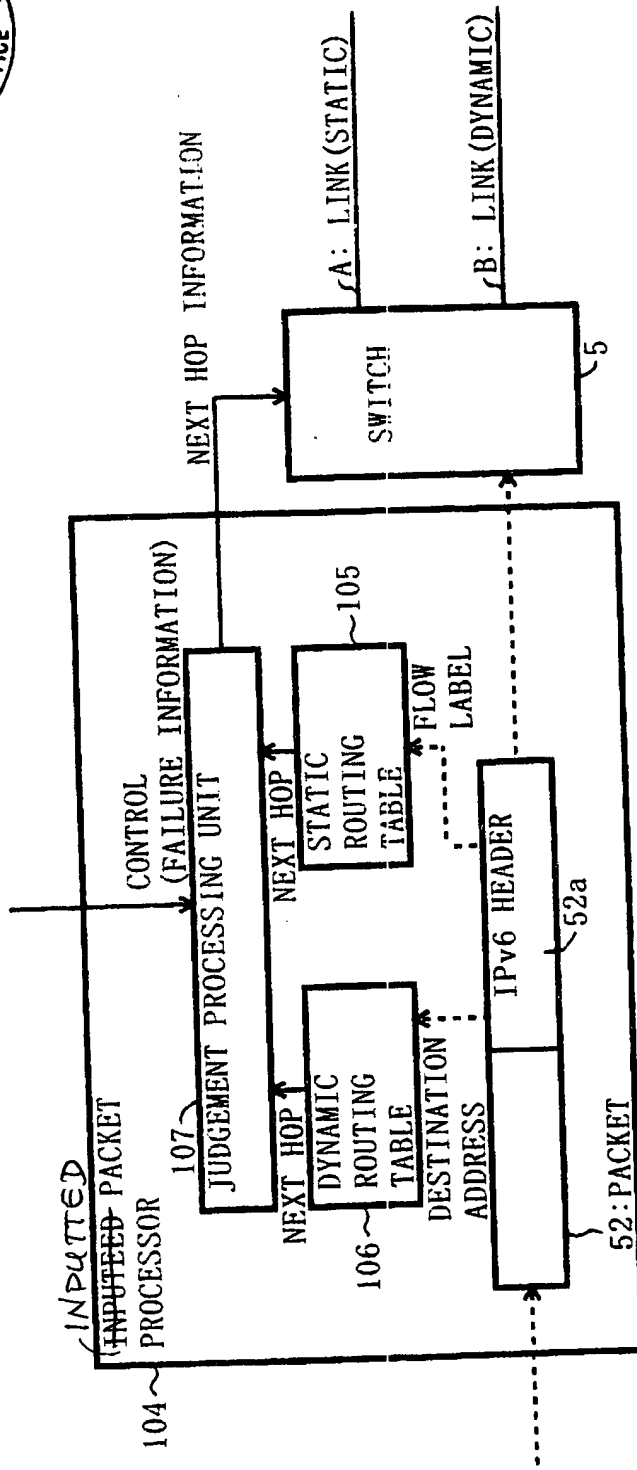
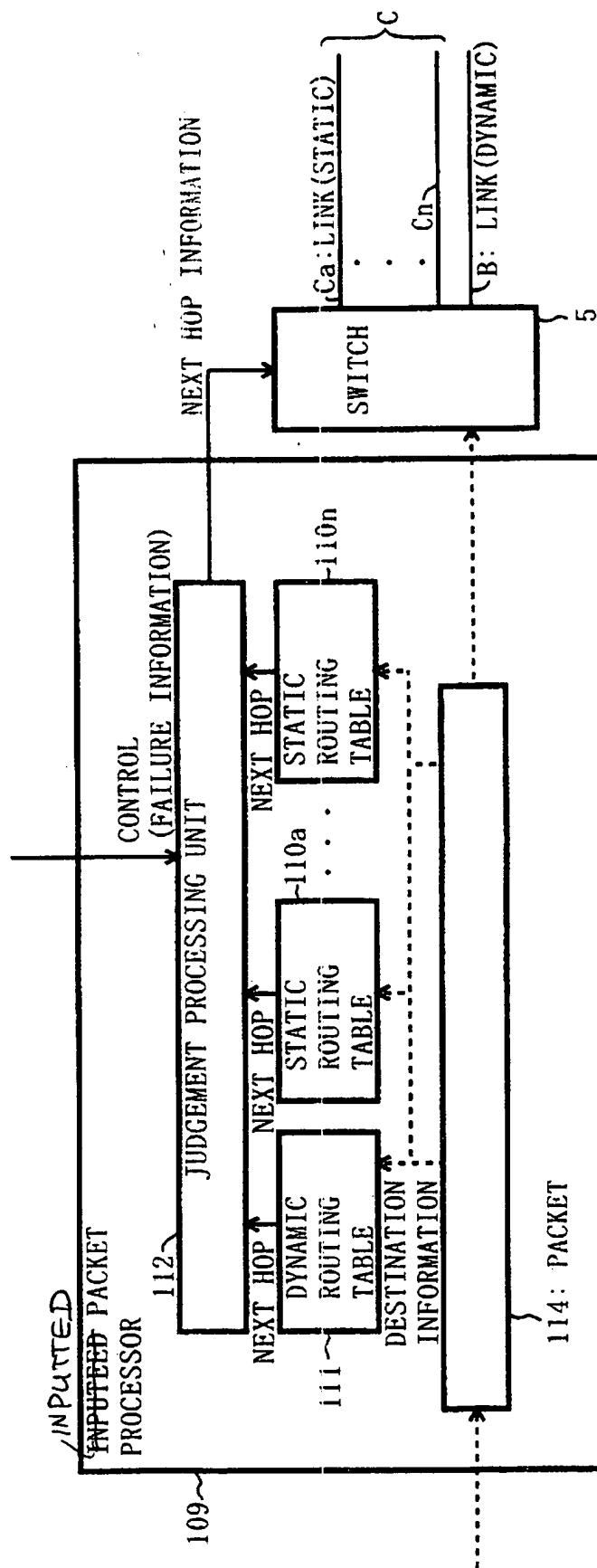




FIG. 24





F I G . 2 5

